

1 ABSTRACT

2 A baseband receiver having quadrature analog outputs
3 and a plurality of analog control and status signals and a
4 transmit modulator having analog quadrature inputs and a
5 plurality of analog control and status signals are coupled
6 to a transmit processor having a digital output and a
7 plurality of digital control and status signals and to a
8 receive processor having a digital input and a plurality of
9 digital control and status signals by multiplexing analog to
10 digital converters and digital to analog converters such
11 that during a receive time the converters are used for a
12 receive purpose and during a transmit time, the converters
13 are used for a transmit purpose.

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